2.744 Dreamweaver Tutorial

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Overview

We will go over the steps for creating the below page using Dreamweaver:
Set up for creating web pages

(1) Create folders for 2.744 web pages
(2) Set up Dreamweaver for uploading web pages
Create folders for 2.744 web pages

Human-use analysis
C:\2.744\humanUseAnalysis\ *.html
C:\2.744\humanUseAnalysis\images\ *.jpg

User-experience storyboards
C:\2.744\storyboardDesign\ *.html
C:\2.744\storyboardDesign\images\ *.jpg
Set up Dreamweaver for uploading files

Click **Site > New Site...** in the menu.

Below information is useful when you walk through the **New Site** dialogs.

**First dialog**

humanUseAnalysis

http://web.mit.edu/2.744/www/Results/studentSubmissions/humanUseAnalysis/USERNAME

**Third dialog**

C:\2.744\humanUseAnalysis

**Fourth dialog**

athena.dialup.mit.edu

/afs/athena.mit.edu/course/2/2.744/www/Results/studentSubmissions/humanUseAnalysis/USERNAME
Create a blank web page

Dreamweaver Menu: File > New...
Test the page in a web browser

(1) Modify the page and save it as C:\2.744\humanUseAnalysis\introduction.html

(2) Click or press F12 to view the page in a web browser.
Five steps to create web pages

(1) Layout elements using tables → (2) Fill the tables with some random text → (3) Decorate → (4) Make multiple copies → (5) Write contents and put images

chama inc.
when was the last time you took the temperature of communications strategy?

We asked you, "when was the last time you considered your business and communications strategy?" And then we asked ourselves the same question.
### Layout elements using tables

How many tables do we need to layout this page?

<table>
<thead>
<tr>
<th>Introduction</th>
<th>Experience</th>
<th>Benefits</th>
<th>Problems</th>
<th>Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kindle eBook Reader</td>
<td>Human-use Experience Analysis</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Overview


### Hardware


### Software

Create the first table

Dreamweaver Menu: Insert > Table
Create the first table

Dreamweaver Menu: Insert > Table
Create the second table

Dreamweaver Menu: Insert > Table
(Note: To ensure that the second table is created right after the first one, click on the blank line right below the </table>)
Create the second table

Dreamweaver Menu: Insert > Table
Prep for inserting images

Copy and paste all your image files to:

C:\2.744\humanUseAnalysis\images\

Remind that our HTML files are located at:

C:\2.744\humanUseAnalysis\

This setup allows us to reference image files from a HTML file using a relative path. For example,

<table>
<thead>
<tr>
<th>Image file</th>
<th>HTML file</th>
<th>Relative path</th>
</tr>
</thead>
</table>
| C:\2.744\humanUseAnalysis\images\kindle.jpg | C:\2.744\humanUseAnalysis\introduction.html | images\kindle.jpg | <img src="images/kindle.jpg"/>
Insert a logo image

Dreamweaver Menu: Insert > Image or use Assets toolbar
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Fill the tables with some text

No worry about how it looks (e.g. font-size, color, margin) at this point.
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We asked you, "when was the last time you considered your business and communications strategy?" And then we asked ourselves the same question.
Decorate the page title

Select title text “Kindle eBook Reader” and pick Heading 1 in the property toolbar at the bottom.
Decorate the subsection title

Select title text “subtitle title” and pick Heading 3 in the property toolbar at the bottom.

Click or press F12 to view the page in a web browser.
Turn menu text into a link

Select menu text. Modify > Make Link.
Select Introduction and link to introduction.html.
Select Experience and link to experience.html.

Links (URLs) are case-sensitive. Try keeping all file names in lower-case.
Adjust text alignment in a table

Click on the table cell and use the property toolbar at the bottom.
Make table borders invisible

Click `<table>` just above the property bar at the bottom. It will reveal a property page about this table. Set `Border = 0`. 
CSS is useful for decorating a page

Try adding the following line before `</head>`.

```html
<link href="green.css" rel="stylesheet" type="text/css" />
```

This will make the HTML page is decorated based on “green.css”

Then also try replacing the line with the following.

```html
<link href="minimalism.css" rel="stylesheet" type="text/css" />
```

This will make the HTML page is decorated based on “minimalism.css”
CSS is useful for decorating **multiple pages**

Let’s say we have included the below line in all web pages we just created.

```html
<link href="minimalism.css" rel="stylesheet" type="text/css"/>
```

Then we can change the look of all web pages by modifying just one CSS file `minimalism.css`

(Note: Ctrl + Space is the shortcut key for using code completion in Dreamweaver.)
Adding more style rules to a CSS file

We just learned that text inside the **Heading 3** tag

```html
<h3>subsection title</h3>
```

can be decorated by the following lines (called style rules) in the CSS file:

```css
h3 {
    font-size: 20px;
    border-bottom-color: dotted;
    border-bottom-width: 1px;
}
```

When we have two **Heading 3** tags that need to be styled differently, we can use this technique:

First, add `class` attribute in the `h3` tag:

```html
<h3 class="blueClass">subsection title in blue</h3>
<h3 class="greenClass">subsection title in green</h3>
```

Second, add following lines in the CSS file:

```css
.blueClass { color: #00F; }
.greenClass { color: #0FO; }
```

In the CSS file, rule names that start without a period (.) is used to decorate tags with the same name (e.g. h3) whereas rule names that start with a period (.) is used to decorate tags with a corresponding class attribute.
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Debugging Tip

Top-4 reasons for ...

Correct:

```html
<img src="images/kindle.jpg"/>
```

Have not uploaded the image file yet.
Add `index.html` to guide the web browser which page to open.

Most users enter a website by querying a directory name, not a file name.

http://web.mit.edu/2.744/humanUseAnalysis/sangmok

When a directory name is queried, `index.html` page is automatically served to the web browser (if one exists).

So place `index.html` in your assignment home directory, which can redirect the browser to a correct web page (e.g. `introduction.html`).

```html
<html>
<head>
<title>Opening... 2.744 human-use experience analysis</title>
</head>
<body onLoad="window.location.href='introduction.html'">
Opening... <a href="introduction.html">2.744 human-use experience analysis</a>.
</body>
</html>
```

Note: Save your first landing page as index.html is another good way to achieve the same effect.
Resources

- Email sangmok@mit.edu for questions.

- Download this tutorial materials: http://cadlab6.mit.edu/sangmok/2744/ or 2.744 course home page

- CSS demo: http://www.csszengarden.com/

- CSS Tutorial: http://w3schools.com/css/default.asp

- Finding icons or pictures: http://www.istockphoto.com/ (Google or Bing image search also works)